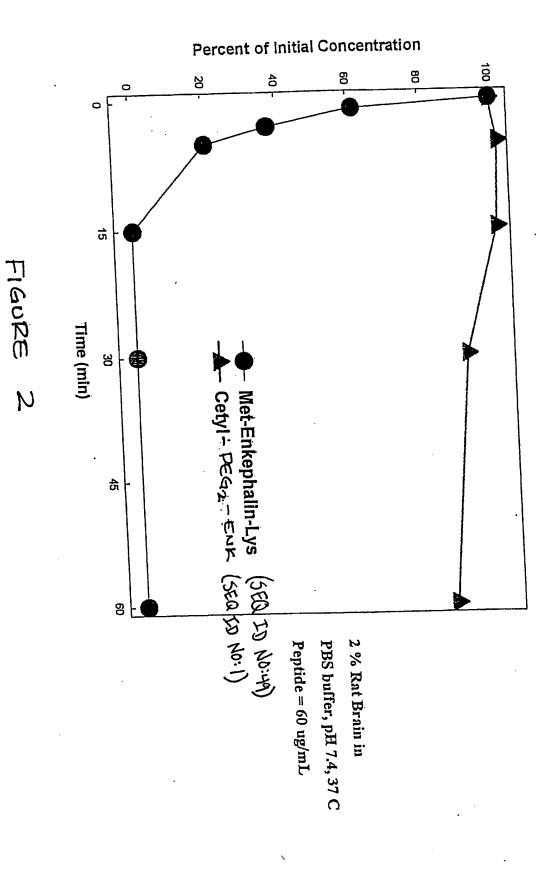
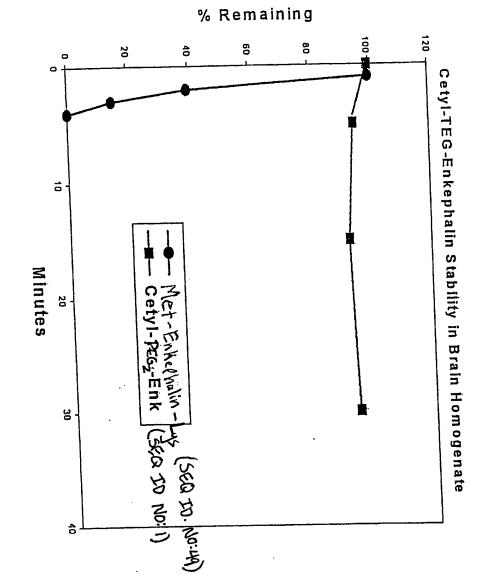
Stability of Enkephalin and Cetyl-PE62-Enkephalin in Rat Brain Homogenate



Stability of Cetyl- Pet 2 Enkephalin

in Rat Brain Homogenate

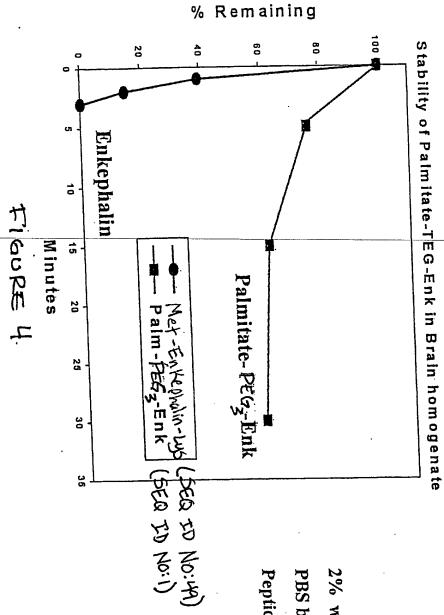


2 % w/v Rat brain in PBS buffer, pH 7.4, 37 C Peptide = 60 ug/mL

FLAURE 3

Stability of Palmitate- Res:-Enkephalin





2% w/v Rat Brain in PBS buffer, pH 7.4, 37 C Peptide = 60ug/mL

Isolation of Cetyl-PEG, Enkephalin from the Brain

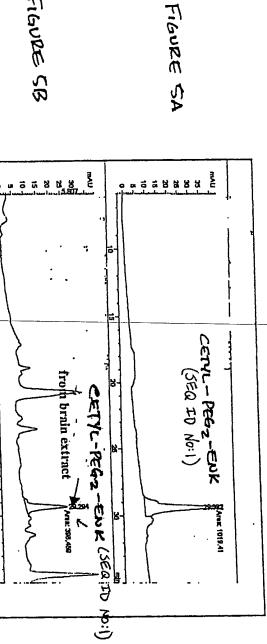
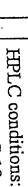


FIGURE SB

JIGURE SC

Flower 5D

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Vehicle only

Column: C-18

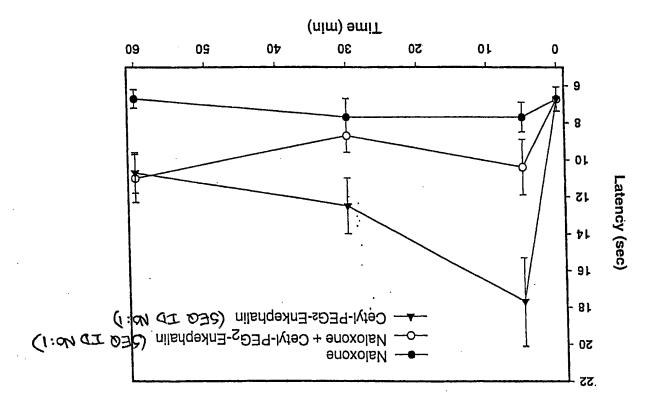
Solvent: solvent A: IPA

solvent B: Water

Gradient: linear +0.1% TFA

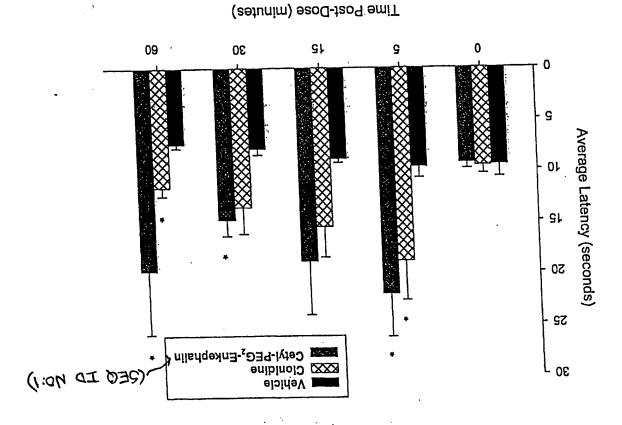
Met Enkephalin stil (SEA ID No. 49)

Naloxone Antagonism of Cetyl-PEG $_2$ -Enkephalin-Induced Analgesia



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Analgesic Effect of a 5 mg/kg IV Dose of Cetyl-PEG₂-Enkephalin (SEQ TD No:1)



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		TEN TEN
COMPARISON OF μ-RECE	COMPARISON OF µ-RECEPTOR BINDING AFFINITY OF ENKEPHALIT	KEPHALIN CONJUGATION
	DETAILED STRUCTURE	% SPECIFIC BINDING
DRUG OR CONJUGATE		100
Naloxone	Naloxone	
Naioxono	(450) No. 4	a) 67
Enkephalin	Met-Filkebirging	100
Cetyl-ENK	Cetyl-PEG2-ENK (SEA ID ND:1)	
	Cholesterol-PEG3-ENK (SEA FD No:1)	CO
Chol-cinn		63
DHA-ENK	DHA-PEG2-ENK (SEQ I) No:1)	
יווין	Palmitate-PEG3-ENK (5E4 ID W:1)	70
Talm-civx		100 .
Cetyl-TEG-ENK	Cetyl-PEG3-EINN (Jew #7 1017)	

^{*}Data are based on percent inhibition at a concentration of 100nM. The radioligand was DAMGO ([D-Ala2,N-Me-Phe-Gly5-ol]enkephalin) and naloxone served as the reference.

FIGURE 8